

# [Khan Orotracheal Suction System]

## Abstract

•This abstract describes our product which is in the class of suction catheter systems. Our product is specifically designed for treating acute airway obstruction. Our system comprises a reservoir which is attached on one end to the wall suction vacuum using standard sump tubing. The other end is attached, via an adapter, to 15French suction tubing. This tubing is hooked to the suction catheters which the healthcare provider passes through an endotracheal tube into the trachea. A proximal balloon port is inflated with a 10cc air filled syringe which inflates a distal cuff on the catheter. The distal cuff, which is 5mm from the end of the catheter, creates a distal seal in the trachea which allows for the targeted suction force to remove the obstruction.